

**Fig. 1**

```
graph TD; 200 --> 202[Input Sample Signals]; 202 --> 204[Tune To Each Sample Signal]; 204 --> 206[Adjust Gain Of Tuner]; 206 --> 208[Record Sample Point Data]; 208 --> 210[Generate Look-up Table];
```

200 →

202 Input Sample Signals

204 Tune To Each Sample Signal

206 Adjust Gain Of Tuner

208 Record Sample Point Data

210 Generate Look-up Table

**Fig. 2**

009260" 23E69960

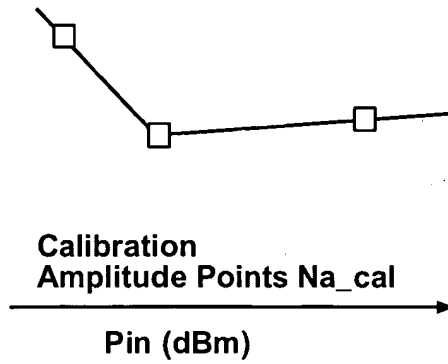


Fig. 3A

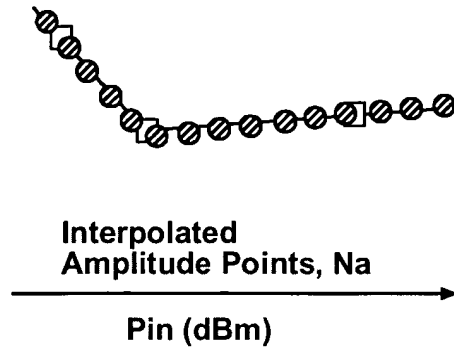


Fig. 3B

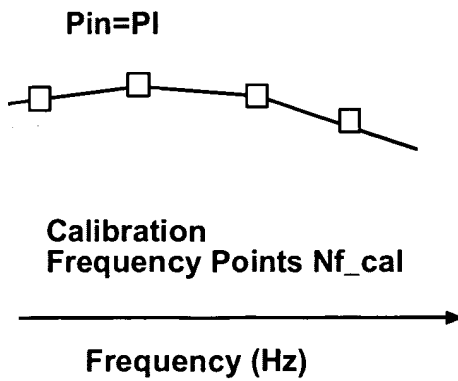


Fig. 4A

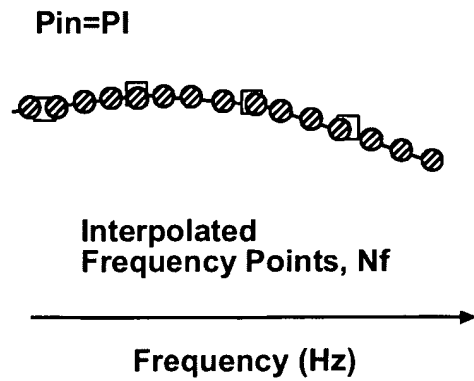
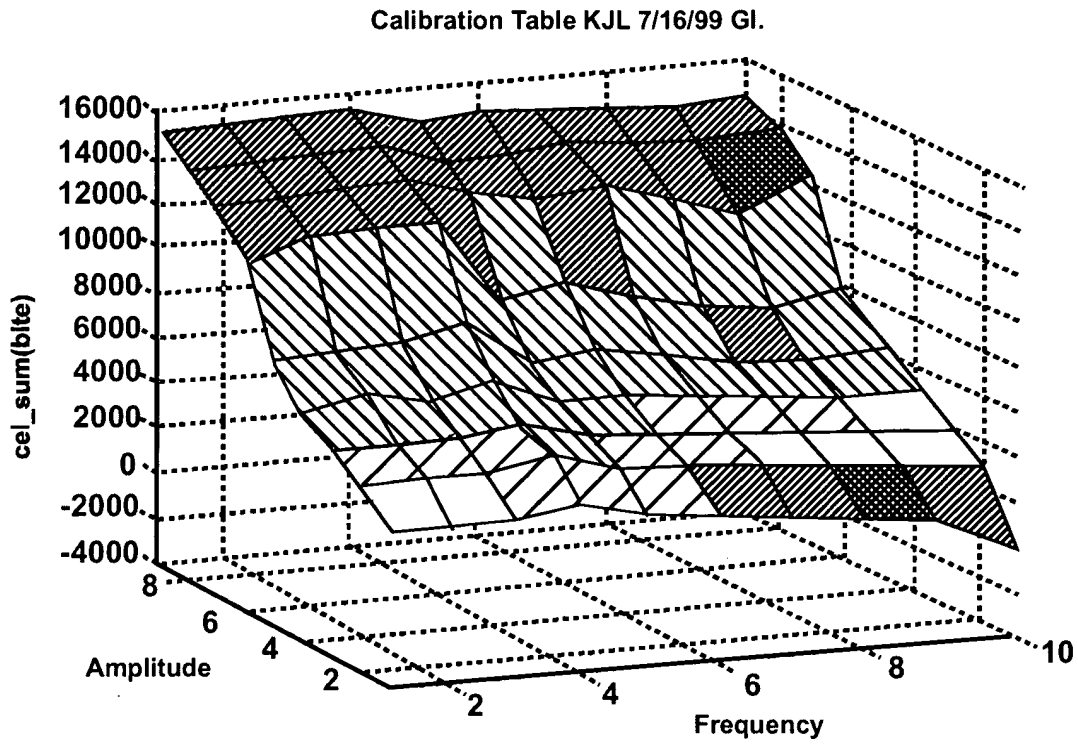


Fig. 4B

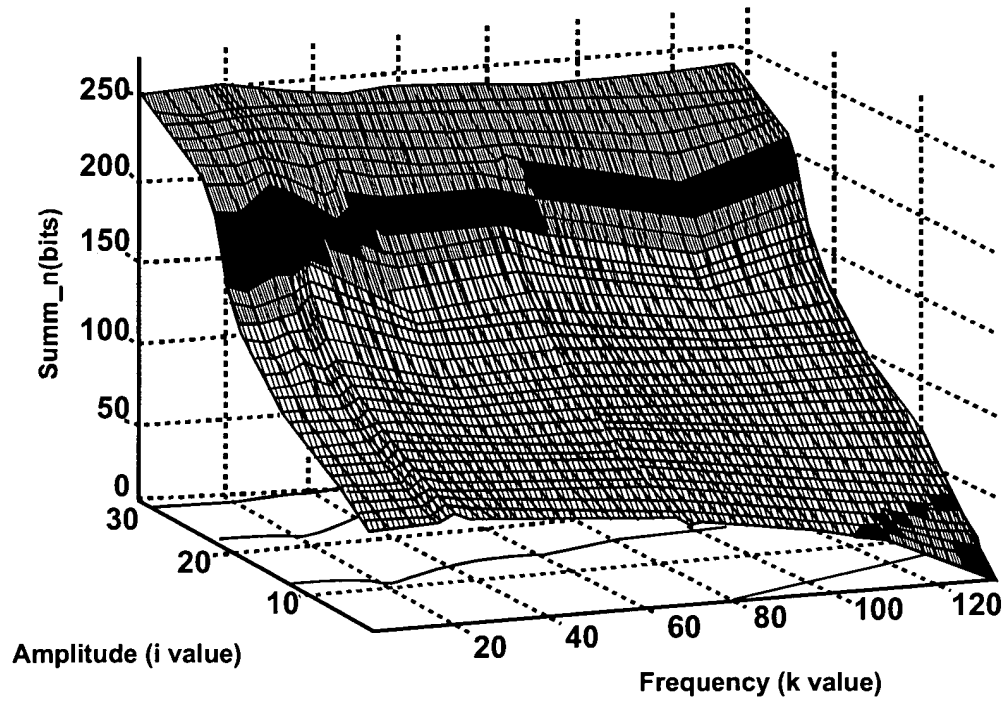
009260" 28E69950



Calibration Table, Na\_cal=9, Nf\_cal=10

Fig. 5

Reference Table Power Cal. KJL 7/16/99



Cable Modem Implementation of Look-Up-Table Na=31, Nf=134

Fig. 6